Domkal Girls' College

DOMKAL, MURSHIDABAD, WEST BENGAL

Department of Education

ADD-ON COURSE: Artificial Intelligence (AI)

Introduction: -

Domkal Girls' College, located in the heart of Murshidabad, West Bengal, is a premier institution dedicated to empowering women through quality education. Our college is known for its robust academic programs, state-of-the-art facilities, and a commitment to holistic development. We strive to nurture a community of learners who are well-prepared to contribute to society and excel in their chosen fields.

Course Overview:-

The Add-On Course on Artificial Intelligence (AI) is designed to introduce students to the foundational concepts and applications of AI in various domains. This intensive 10-day program offers 2 credits and provides a comprehensive understanding of AI's role in education and beyond. Delivered online, this course is accessible to all undergraduate students, regardless of their primary field of study.

Course Title:-

Add-On Course on Artificial Intelligence

Course Objectives:-

1. To provide an understanding of the fundamental concepts of artificial intelligence.
2. To explore the historical evolution and current trends in AI.
3. To demonstrate the practical applications of AI in various domains.
4. To assess the impact of AI on education and the workforce.
5. To engage students in hands-on activities to solidify their understanding of AI.

Eligibility Criteria:-

✓ Open to all undergraduate students (B.A, B.Sc, B.Com, IT, MBBS, BMS).
✓ The course is conducted online, making it accessible to students from various backgrounds.

Course Structure:-

Unit 1: Foundation Concepts: **(Hours-15)**

a) Definition, nature, and scope of artificial intelligence
b) History and Evolution of AI
c) Basic terminology and key concepts

d) AI Innovation in education

Unit 2: Applications of AI in Education: (**Hours-15**)
a) Basic use cases in everyday life (e.g., recommendation systems, virtual assistants)
b) Impact of AI on Student and Teacher workforce
c) Introduction to AI in various domains (e.g., healthcare, finance, gaming, education)
d) Emerging trends and future educational implications in AI

Project Work and Practical Applications:
- Sessional hands-on activity in various AI domains

Instruction: Only theoretical examination will be held.

Learning Outcomes:-
Upon completion of the course, learners will be able to:
➢ Understand the basic concepts and terminology of artificial intelligence.
➢ Recognize the historical milestones and evolution of AI.
➢ Identify the applications of AI in various fields, particularly in education.
➢ Evaluate the impact of AI on the student and teacher workforce.
➢ Apply AI concepts through practical, hands-on activities.

Admission Process:-
Application Procedure:
➢ Fill out the online application form available on the college website.
➢ Submit the required documents (ID proof, academic records).

Course Fee:-
✓ Nil

Selection Criteria:-
- Applications will be reviewed based on academic performance and motivation.
- Shortlisted candidates will be invited for an interview.

Important Dates:-
✓ Notification Date: 16/12/2021
✓ Application Deadline: 20/12/2021
✓ Course Commencement: 25/12/2021 – 22/01/2021
✓ Date of Evaluation: 29/01/2022 (Offline mode)

Course Duration:-

10 days

No. of Credits:-
2 credits

Other Allied Information:-
➢ Course Director: **Principal, Domkal Girls' College**
➢ Course Coordinator: Dr. Krishnendu Roy, Assistant Professor, Department of Education
➢ Resource Persons:
  ✓ Dr. Tulika Chakraborty, Assistant Professor, Department of Education
  ✓ Md Kawsar Hossain, Assistant Professor, Department of Education
  ✓ Md Abdul Aziz Mandal, SACT I, Department of Education
  ✓ Saidul Islam, SACT I, Department of Education
  ✓ Sudipta Ghosh, SACT II, Department of Education

Facilities and Resources:-
  ➢ College Library
  ➢ Departmental Library
  ➢ Computer Lab

Contact Information:-
Address:
Domkal Girls' College,
Domkal, Murshidabad, 742303
West Bengal, India

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Email: domkalgirlscollege@gmail.com
Website:[www.domkalgirlscollege.ac.in]**(http://www.domkalgirlscollege.ac.in)**

Join us at Domkal Girls' College and embark on a journey to explore the fascinating world of Artificial Intelligence. Apply now and be part of the future!

Domkal Girls' College is committed to providing equal opportunities for all students regardless of race, religion, or background.

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Name of the Course:- **Add-On**

Title of the Course:- *Artificial Intelligence*

Course prepared by-

Dr. Krishnendu Roy

Assistant Professor of Education

Domkal Girls' College

Affiliated by University of Kalyani,

West Bengal, India